



2050 REGIONAL TRANSPORTATION PLAN

2023 UPDATE

OVERVIEW OF DRAFT POLICIES AND PROJECTS

City Council
September 11, 2022

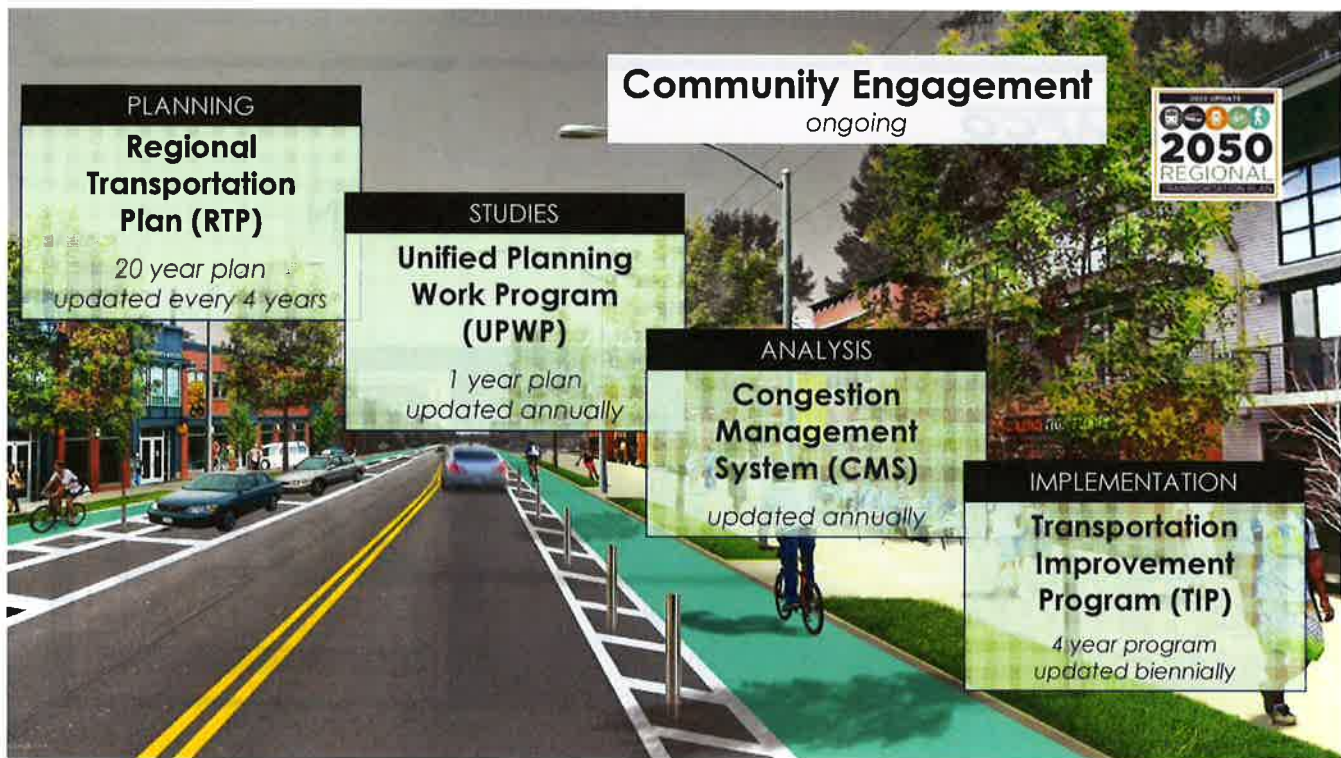


WHO IS THE WILMINGTON AREA PLANNING COUNCIL (WILMAPCO)?



- Regional transportation planning agency for New Castle County, DE and Cecil County, MD
- Charged with planning and coordinating transportation investments based on federal policy, local input, technical analysis, and best practices
- We involve the public to ensure that you have a say in the transportation decision-making and funding process
- We do not have a dedicated source of funding to make projects a reality, this falls on the counties, towns/cities, and DelDOT/MDOT





REGIONAL TRANSPORTATION PLAN (RTP)



- Our principal plan
 - **Strategic Policy:** goals, objectives, actions
 - **Major transportation projects:** constrained and aspirational
- Updated every four years (since 1996)
- Update due March 2023



SCHEDULE – KEY TASKS



- Review of **Progress Report & Public Opinion Survey**
- Develop draft goals, objectives, actions
- Agency/Civic/Municipal outreach
- Develop project lists
- Air quality conformity
- Public Outreach
- Document refinement
- Adoption

June

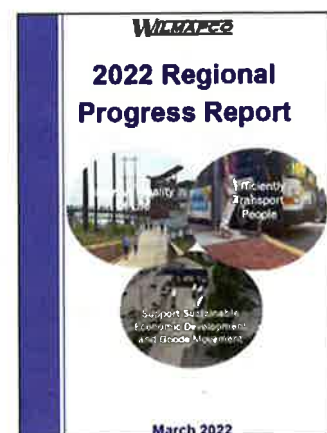
January - March

March

TRACKING PROGRESS: PROGRESS REPORT



- 2022 Regional Progress Report
- Relates trends to Plan's actions
- Performance-based
- Informs development of RTP



TRACKING PROGRESS: PROGRESS REPORT



17% of actions



23% of actions



60% of actions

Challenges

- Growth outside Centers/Core
- Single occupancy vehicle trips
- Vehicle miles traveled
- Road safety

Successes

- Air quality
- Local plan implementation
- Bike and walking efforts
- Congestion mitigation

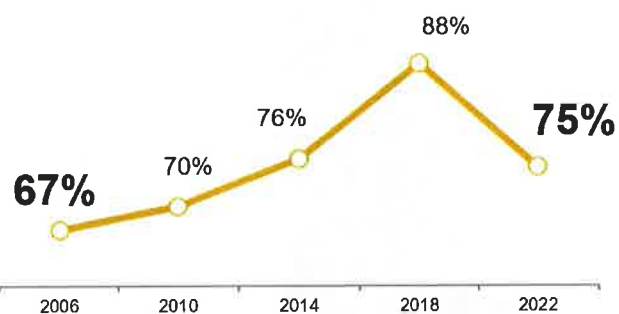
PUBLIC OPINION SURVEY



- Statistically valid telephone survey of 600 residents
- Demographic quotas
- Opinions of transportation system and policies
- Informs development of the RTP



PUBLIC OPINION SURVEY: SAMPLE

**The Transportation System Meet my Needs**

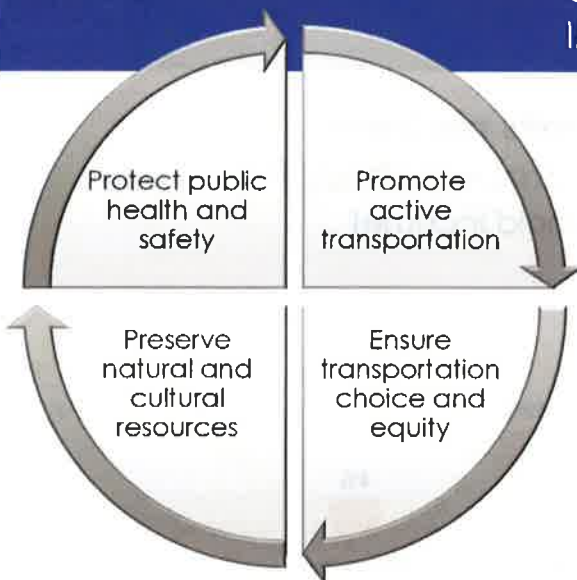
PUBLIC OPINION SURVEY: SAMPLE

**Transportation Limits me from
*Healthy & Affordable Grocery Shopping***
(by annual household income)

RTP: STRATEGIC POLICY

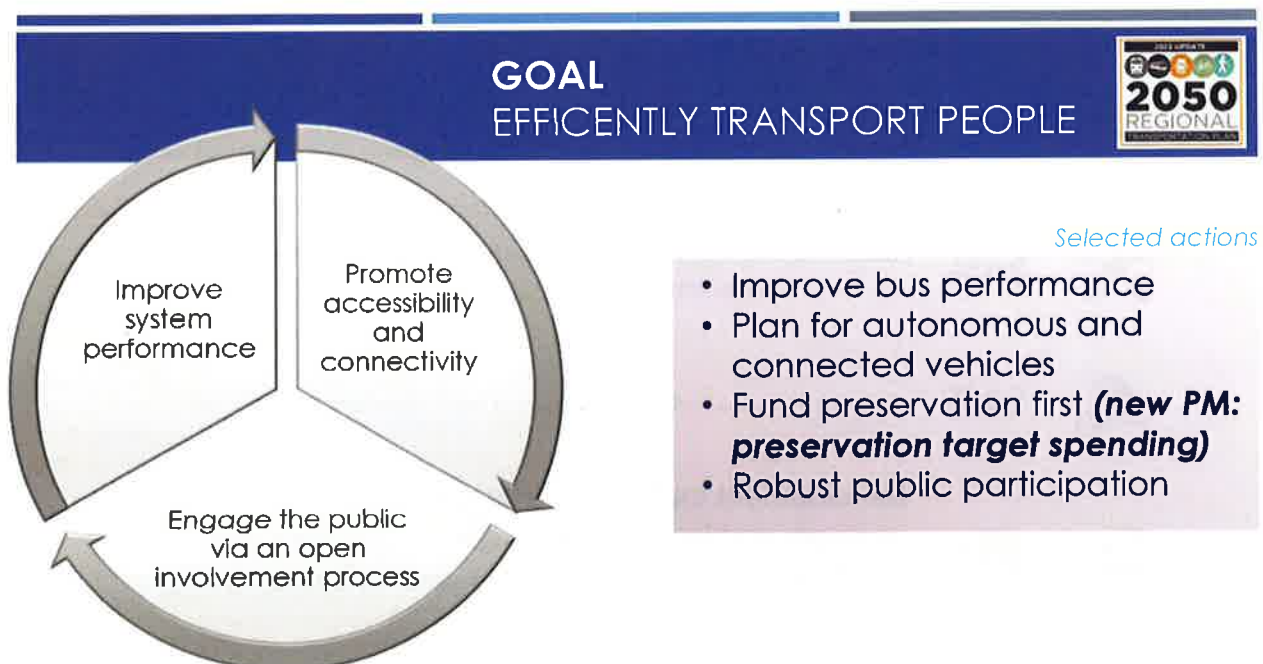
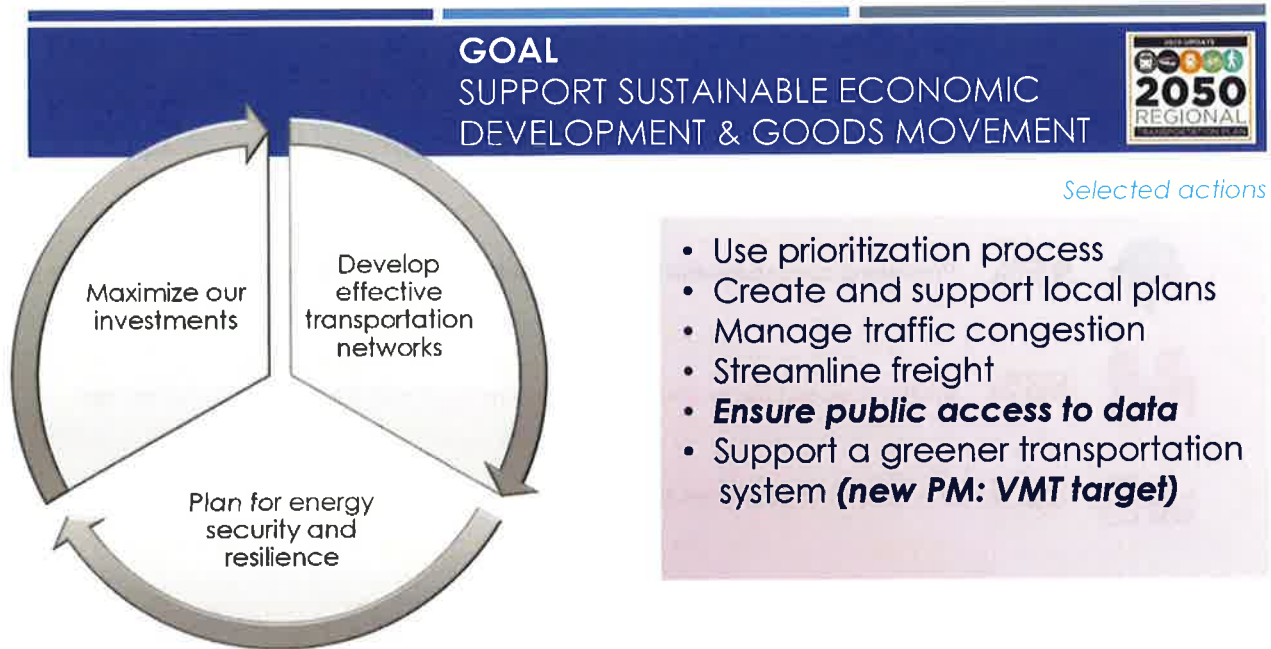


GOAL IMPROVE QUALITY OF LIFE



Selected actions

- Safer transportation
- Promote social equity
- Fund transportation choices
- Protect environment
- Support disaster **& national defense preparedness**



PUBLIC OPINION ABOUT REGIONAL DEVELOPMENT

**95%**

Preserving open space and farmland is at least somewhat important

**88%**

Revitalizing existing communities and downtowns is at least somewhat important

**85%**

It is sometimes or always appropriate to mix residential, office, and retail

PUBLIC OPINION ABOUT REGIONAL DEVELOPMENT

**84%**

Connecting neighborhoods to each other and nearby destinations is at least somewhat important

**84%**

Planning for sea-level rise effects is at least somewhat important

**68%**

Development and transportation projects should be concentrated in areas with higher population and employment; projects in rural areas should be limited to safety and system maintenance

RTP: TRANSPORTATION INVESTMENT AREAS

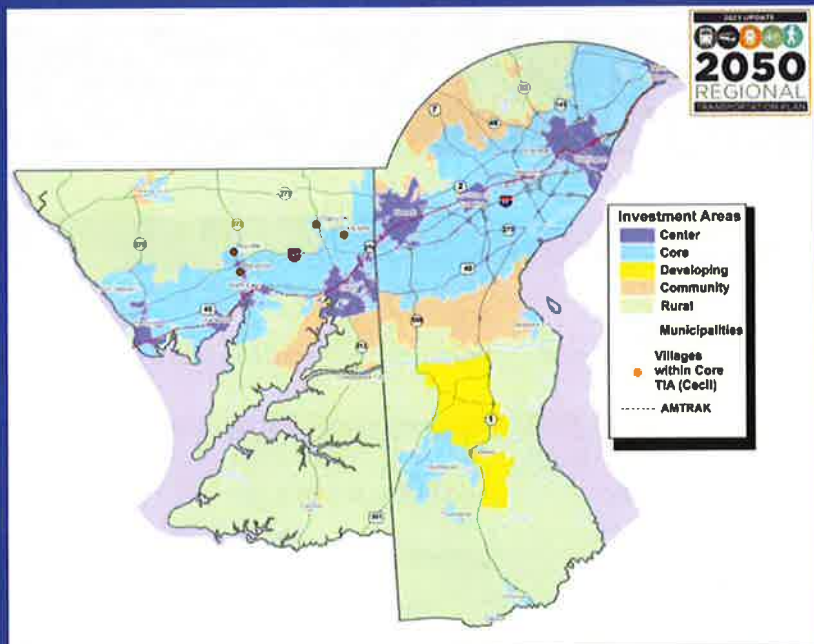


More intensive transportation investments



TRANSPORTATION INVESTMENT AREAS

Consider updates based on
Growth Area Policy Map in
NCC @ 2050 Comp Plan



TRANSPORTATION PROJECTS



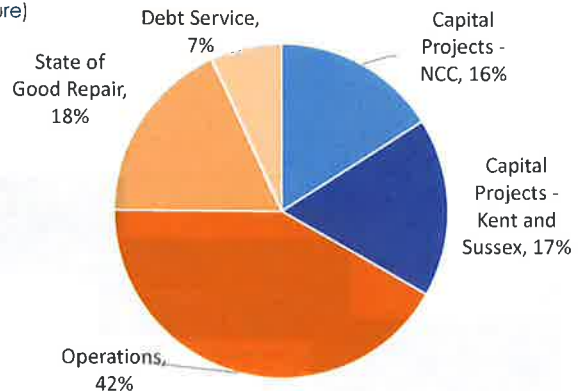
New Castle County

Projected Funding Available (in year of expenditure)

2023 – 2028: \$1.4 billion

2029 – 2039: \$1.6 billion

2040 – 2050: \$1.7 billion



TRANSPORTATION PROJECTS (350+ PROJECTS TOTAL)



Projects in funded RTP list

Project Name	Description	2050 RTP	DRAFT 2050 RTP - 2023
SR 9: Landers Ln - A St	Road diet and intersection reconfigurations with ped/bike improvements	2030	2026
SR 9: 3rd St - Landers Ln	Pavement reconstruction and multimodal improvements	2030	2030
US 13: US 40 - Memorial Dr	Improve pedestrian safety and access	2025	2025
I-295, Northbound	Add highway capacity	2040	2026
SR 9, River Rd. Area, Dobbinsville	Reconfigure/ raise roadway to mitigate flooding	2040	2030
East Coast Greenway	East Coast Greenway: New Castle - Churchmans Crossing gaps (approx. 2.8 mi)	2024	2028

TRANSPORTATION PROJECTS



Potential new projects from City of New Castle Transportation Plan

Project Name	Description
City of New Castle Speed Reduction	Lower local speeds and traffic calming
SR 273 Widening, City of New Castle	US 13 to Route 9/141
SR 141/SR 273 Protected Intersection	Multimodal intersection
Ferry Cutoff/Delaware St Gateway	Multimodal intersection
Ferry Cutoff/ E. 6th Dutch Left	Multimodal intersection
W. 7th/Washington Signing	Multimodal intersection
W. 7th/Washington Sweep	Multimodal intersection
City of New Castle Nonmotorized Network	Pathway
Parking Expansion near 3rd and Chestnut	Parking, charging stations, and improve ped connect
City of New Castle Gateway	Streetscape and wayfinding

TRANSPORTATION PROJECTS



Other potential new projects

Project	Description
Hares Corner Grade Separation (US 13 & SR 273)	Grade separated interchange
US 13 /DE 273 Short Term Intersection Improvements	Set back left-turn dividing islands NB approach, allowing for left turns to improve level of service and allow the intersection to process more vehicles each signal cycle
US 13 & Boulden Blvd intersection Reconfiguration	Reconstruct the NB and SB left turning islands and removing the median along the WB approach. Add another westbound left-turn lane and convert the shared WB left turn and through lane to a through-only lane. Changes allow for concurrent left-turn phasing for the EB and WB approaches

NEXT STEPS



- Prioritize and refine project listing
- Complete air quality conformity analysis
- Continue agency coordination and public outreach

Don't miss WILMAPCO's Our Town: RTP, on February 8, 2023

FOR MORE INFORMATION

www.wilmapco.org/rtp

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#2050RTP



@WILMAPCO

City of New Castle Transportation Plan

October 11, 2022

City of New Castle
Transportation Plan Update
and
Planning and Environmental
Linkage (PEL) Report



The purposes of this Plan are to:

Improve multimodal network/ connectivity to communities & trails

Enhance health and livability

Reduce illegal truck traffic

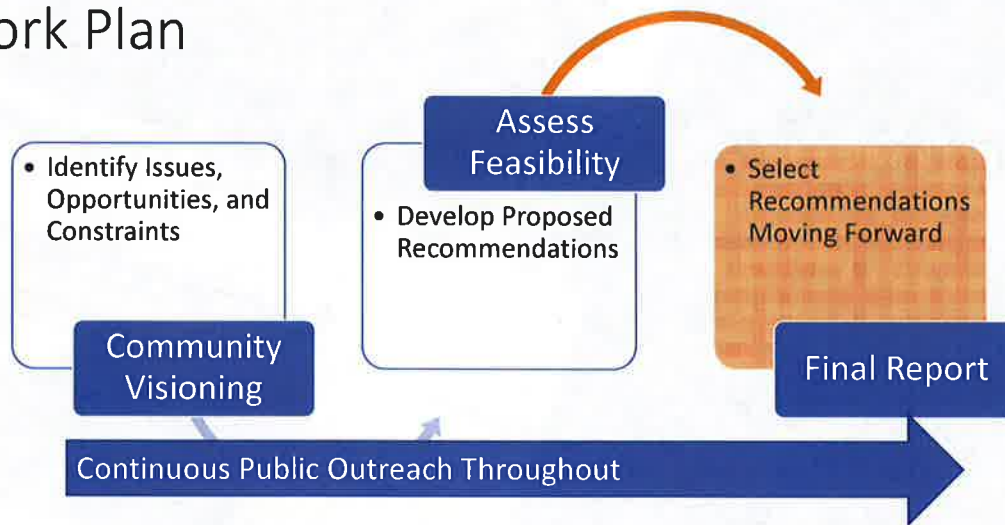
Improve safety

Address flooding and sea-level rise impacts

Improve gateways to the historic city

Develop a shared-parking analysis

Work Plan



Public Involvement



Public Workshops



Strongly oppose Slightly oppose Neutral Slightly support Strongly support

-
- | U.S. should take action | U.S. should not take action | U.S. should take action but not alone | U.S. should take action but not alone |
|-------------------------|-----------------------------|---------------------------------------|---------------------------------------|
| 24% | | | 71% |
| 14% | | | 57% |
| 9% | 9% | 36% | 27% 18% |
| 17% | 17% | 33% | 25% 8% |
| 18% | | 45% | 9% 27% |
| | 40% | 30% | 20% 10% |
| | | 25% | 33% 42% |
| 31% | 8% | 15% | 15% 31% |
| | | 33% | 47% |
| 15% | 38% | 23% | 15% 8% |
| 15% | 8% | | 31% 46% |
| | 20% | | 27% 47% |
| 44% | 13% | 13% | 13% 19% |
| 18% | 12% | 12% | 18% 41% |
| | | 12% | 12% 76% |
| | | | 31% 63% |

Reduced Speed Limits and Traffic Calming



Cost	Term	Priority
Low	Short	High

Priority

Low - Less immediate need/support
Moderate - Some need/support
High - Strong need/support

US 13/SR 273 Intersection

- Identified In DelDOT's Safety Program
- DelDOT Feasibility Study
- Interim short-term improvements
- Monitor SR 273 Traffic for evaluation of future widening



Cost	Term	Priority
High	Long	High

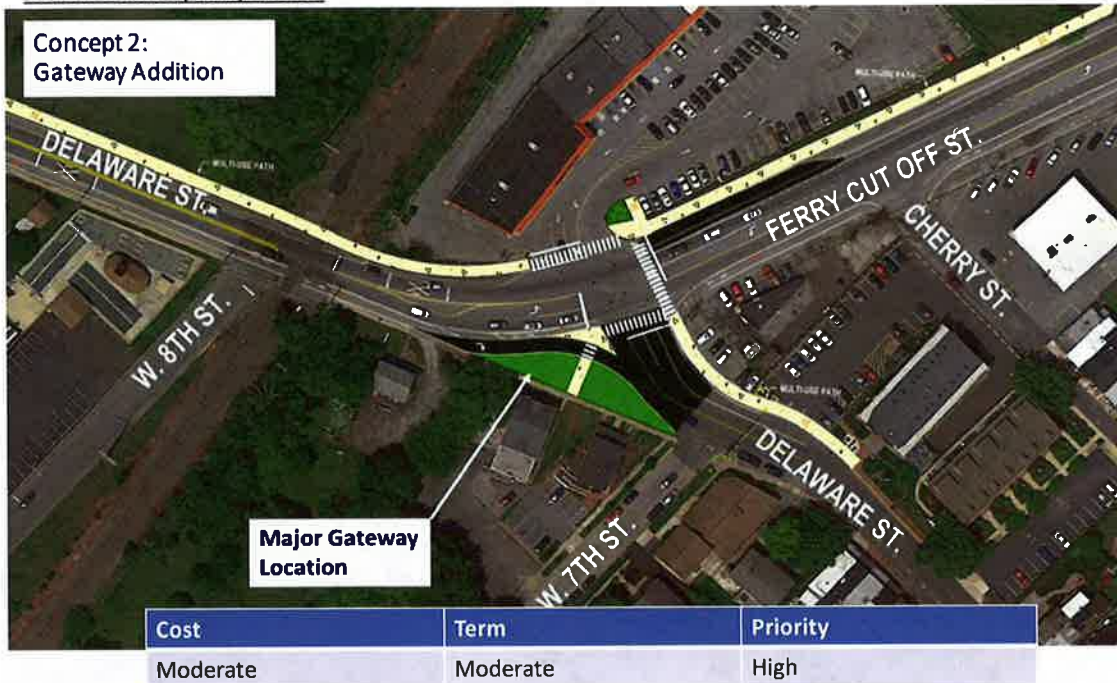
SR 273/SR 141

Concept 3:
Protected Intersection

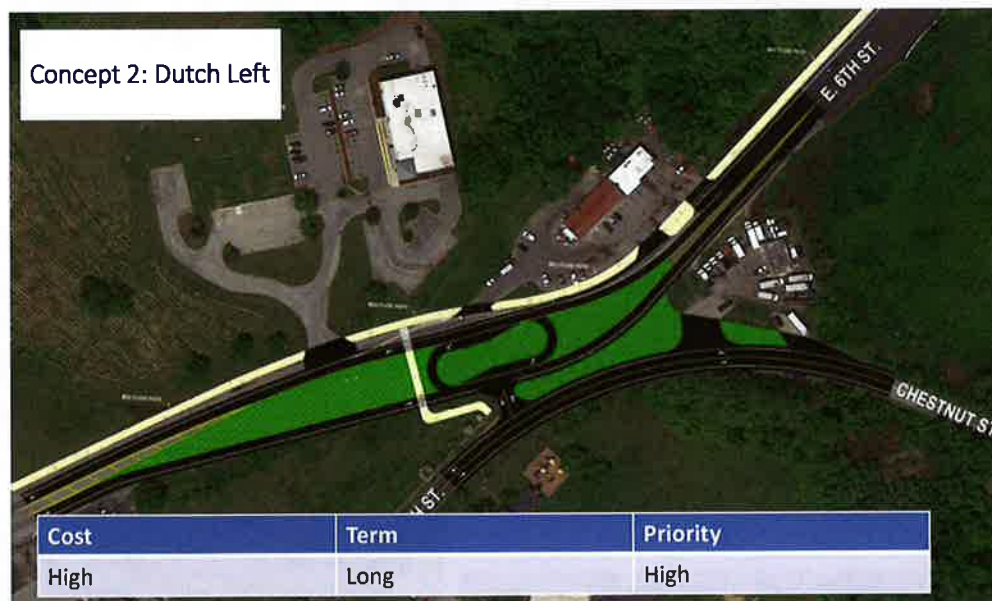


Cost	Term	Priority
Moderate	Moderate	Low

Delaware Street/Ferry Cut Off



Ferry Cut Off Street / E 6th Street / Chestnut Street Intersection Concept



Emergency Access



W. 7th Street/Washington Street

Concept 1: Signing



Cost	Term	Priority
Low	Short	High

Concept 2: Washington Street Sweep

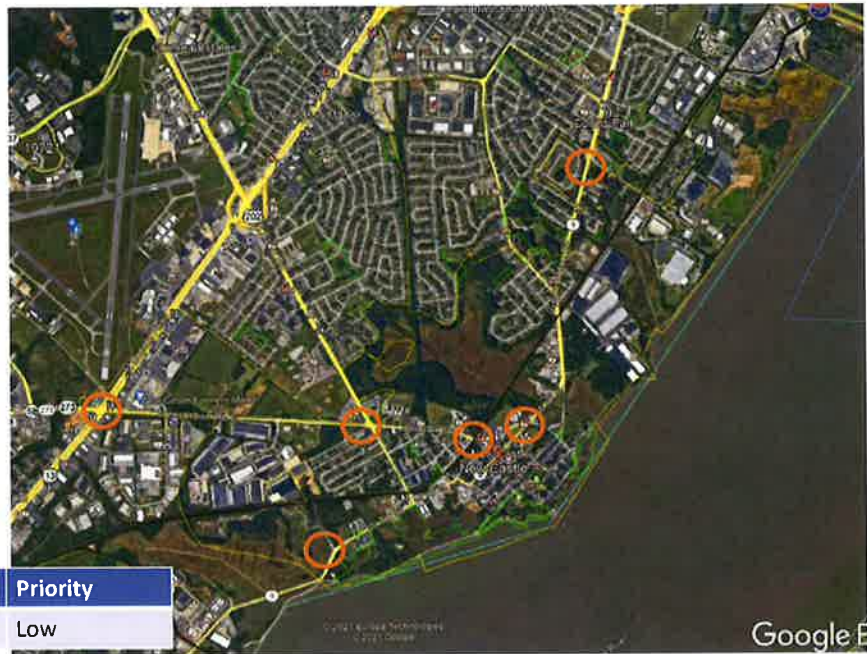


Cost	Term	Priority
High	Long	High

Nonmotorized Network Concept



Gateway Locations



Cost	Term	Priority
Low	Moderate	Low



Next Steps

- Present for comment to City Council
- Add projects to Regional Transportation Plan
- Monitor traffic and other changes

www.wilmapco.org/cityofnewcastle

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